

(43) International Publication Date 11 November 2004 (11.11.2004)

PCT

(10) International Publication Number WO 2004/096152 A2

(51) International Patent Classification7:

A61K

(21) International Application Number:

PCT/US2004/013189

(22) International Filing Date: 26 April 2004 (26.04.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/465,376

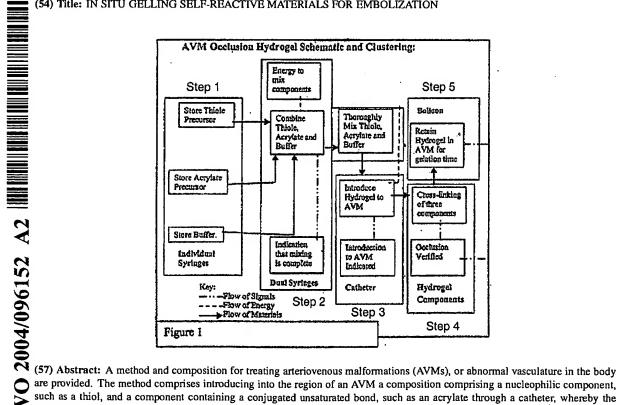
24 April 2003 (24.04.2003)

- (71) Applicant (for all designated States except US): ARI-ZONA BOARD OF REGENTS [US/US]; Post Office Box 879209, Tempe, AZ 85287-9209 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VERNON, Brent [US/US]; Post Office Box 879709, Tempe, AZ 85287 (US). BIRDNO, Merrill [US/US]; 626 North Drew Street, East, Apt. A, Mesa, AZ 85201 (US). PREUL, Mark [US/US]; 8628 East Davenport, Scottsdale, AZ 85260 (US).

- (74) Agent: PECK, John, W.; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: IN SITU GELLING SELF-REACTIVE MATERIALS FOR EMBOLIZATION



are provided. The method comprises introducing into the region of an AVM a composition comprising a nucleophilic component, such as a thiol, and a component containing a conjugated unsaturated bond, such as an acrylate through a catheter, whereby the composition crosslinks within the body to block or occlude the AVM.

BEST AVAILABLE COPY

WO 2004/096152 A2



Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.